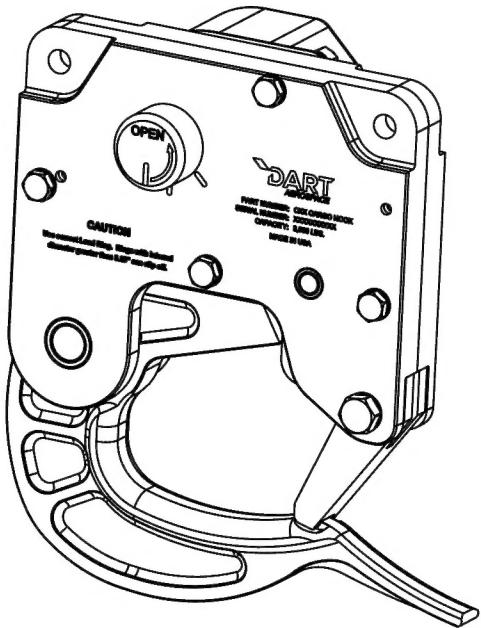
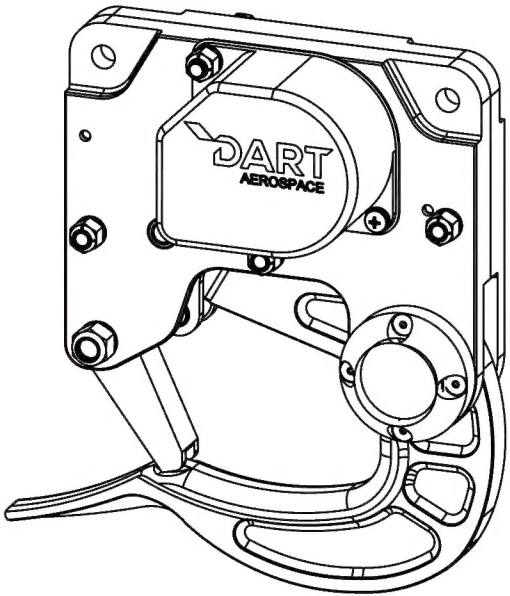


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SEE ATTACHED DEVIATION

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			C2-1-1	1	MANUAL RELEASE KNOB	6061-T6		2
		B/O	C2-3-1	2	BEARING DU	BRONZE	{KAMAN #06DU04}	3
			C2-3-2	1	LATCH ROLLER PIN	4340		3
		B/O	C2-3-2-1	2	RETAING RING	STEEL	Ø5/16 {KAMAN #1400-0031}	3
			C2-3-3	1	LATCH ROLLER	4140/4142		3
			C2-3-3-1	1	LATCH ROLLER DU BEARING	BRONZE		3
		B/O	C2-3-5	2	SPACER	NYLON	{MCMaster-CARR #95606A140}	3
			C2-3-6	1	LATCH	SS 17-4PH		3
			C2-3-8	2	ACTUATOR BUSHING	SINTERED BRONZE	Ø3/4 X 5/8 {KAMAN #SS-1824-20} MODIFIED	3
			C2-3-10	1	LATCH SHAFT	4140/4142		3
			C2-3-11	1	ACTUATOR	SS 17-4PH		3
		B/O	C2-5-1	1	ACTUATOR STOP, DOWEL	STEEL	Ø3/16 X 7/8 {MCMaster-CARR #90145A509}	2
		B/O	C2-10-1	1	SPRING PIN	S.S.	Ø1/8 X 7/8 {MCMaster-CARR #92373A182}	2
		B/O	C2-11-2	2	LOCATING PIN	S.S.	Ø3/16 X 1 {MCMaster-CARR #90145A510}	2
		B/O	C2-14-2	2	LABEL RIVETS Δ	18-8 S.S.	NO 4 {MCMaster-CARR #91654A106}	N/S
			C3-2-1	1	SIDE PLATE	6061-T6		2
			C3-3-4	2	LINK PIN	DRILL ROD		3
		B/O	C3-3-4-1	4	RETAINING RING	STEEL	Ø1/8 {KAMAN #5100-0012SPP}	3
			C3-3-7	1	LINK	01		3
		B/O	C3-3-9	1	ACTUATOR SPRING	SS 304 WIRE	Ø.047 X 8 DENDOFF	3
			C3-4-1	2	LOAD BEAM BUSHING	AL-BRONZE		2
			C3-4-4A	1	LOAD BEAM ASEMBLY			2
			C3-7-1	1	LOAD BEAM BUMPER	POLYURETHANE		2
			C3-7-2	2	LOCK BUMPER	POLYURETHANE		2
			C3-8-2	1	SOLENOID ASSEMBLY			2
			C3-8-4	1	SOLENOID COVER GASKET	GASKET PAPER		2
			C3-8-5	1	SOLENOID COVER	6061-T6		2
			C3-9-1	1	CLOCK SPRING COVER	6061-T6		2
		B/O	C3-9-2	1	CLOCK SPRING	SS 301	DENDOFF	2
			C3-10-2	1	LOCK SPRING	S.S.		3
			C3-11-1	1	SIDE PLATE-SOLENOID SIDE	6061-T6		2
			C3-12-1	2	LOCK BUSHING	4140/4142		3
			C3-12-2	1	LOCK SHAFT	4140/4142		3
			C3-12-3	1	LOCK	4140/4142		3
			C3-12-4	1	LOCK ROLLER	4140/4142		3
			C3-12-5	1	LOCK ROLLER PIN	4140/4142		3
		B/O	C3-12-6	2	LOCK ROLLER RETAINING RING	STEEL	Ø 3/8 {KAMAN #5100-0037-SPP}	3
		B/O	C3-13-1	2	KEEPER DU-BEARING BUSHING	BRONZE	{KAMAN #06FDU04}	2
			C3-13-4	1	KEEPER	4140/4142		2
		B/O	C3-13-5	1	KEEPER SPRING	303 S.S.	DENDOFF	2
		B/O	CORD GRIP	1	CORD GRIP	BRASS	M8-x 1.25 {MCMaster-CARR #8183K6}	2
		B/O	EL-PLUG-M	1	MALE PLUG	PE High Density	{MCMaster-CARR #7216K5}	2
		B/O	M27500-16TG2T14	1	WIRE	16 GA SHIELDED WIRE	1 FOOT {AIRCRAFT SPRUCE MIL-C-27500 11-14416}	2
			600.1309	1	LABEL Δ	ALUMINUM		N/S
			600.1309-A	1	LABEL Δ	ALUMINUM		N/S
		B/O	600.1313	1	CAUTION STICKER Δ	VINYL	{SIGNS NOW}	N/S
		B/O	188-FSCS-832-5/8	4	CLOCK SPRING COVER SCREW	S.S.	8-32 X 5/8 {MCMaster-CARR #92210A196}	2
		B/O	188-FPSS-1032-1/4	2	SET SCREW	S.S.	10-32 X 1/4 {MCMaster-CARR #94355A330}	2
		B/O	AN4-16A	3	SCREW	STEEL	1/4-28 X 1-7/8	2
		B/O	AN4-17A	1	SCREW	STEEL	1/4-28 X 1-29/32	2
		B/O	AN6-15A	1	KEEPER SHAFT BOLT	STEEL	3/8-24 X 1.703	2
		B/O	AN960-10	1	WASHER	WASHER	#10	2
		B/O	AN960-10L	2	WASHER	STEEL	#10	2
		B/O	AN960-416	8	WASHER	STEEL	Ø1/4	2
		B/O	AN960-616L	2	KEEPER WASHER, LOW PROFILE	STEEL	Ø3/8	2
		B/O	MS21044N4	4	LOCKNUT	STEEL	1/4-28	2
		B/O	MS21083N3	2	SELF-LOCKING NUT	STEEL	#10-32	2
		B/O	MS21083N6	1	KEEPER NUT	STEEL	3/8-24	2
		B/O	MS35266-63	1	SOLENOID COVER SCREW	S.S.	#10-32 X 7/8	2
		B/O	32446	2	22-16 AWG KNIFE CONNECTOR		{ALLIED ELECTRONICS 32446}	2
		B/O		1	HEAT SHRINK TUBE	RUBBER	{MCMaster-CARR #2595K22}	N/S

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0200	UPDATED TO NEW DRAFTING STANDARDS. CH'D P/N'S TO AN & MS NUMBERS.	10/29/2014	DPD	JAG
2	15-0248	C2-1-2 REPLACED W/ 188-FPSS-1032-1/4 . C3-9-3 REPLACED W/ 188-FSCS-832-5/8 . ADDED ENGRAVING NOTES & DETAILS.	8/27/2015	DPD	JAG

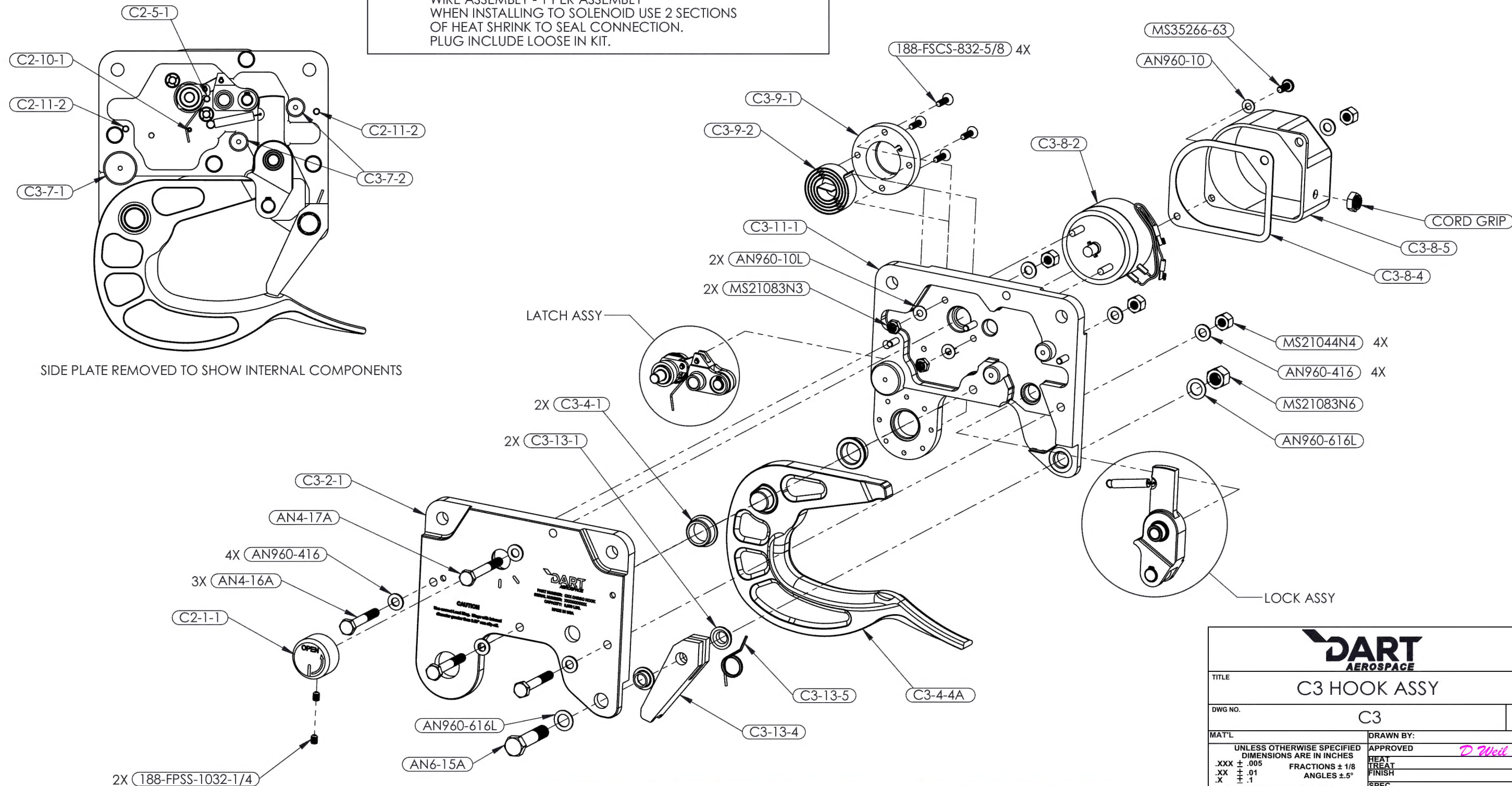
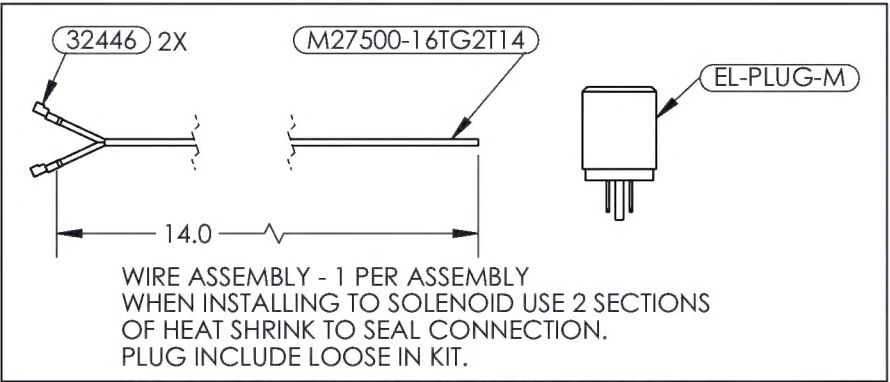


NOTE:
1 Δ FOR REBUILD ONLY.
2 Δ FOR CUSTOMER REBUILD ONLY.


DART AEROSPACE	
TITLE C3 HOOK ASSY	
DWG NO. C3	REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	DRAWN BY: APPROVED TREAT FINISH SPEC USED ON MODEL
SCALE 1:3	DATE SHEET 1 OF 3

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REVISIONS			DATE	INITIAL	APPROVED
REV	ECR	DESCRIPTION			



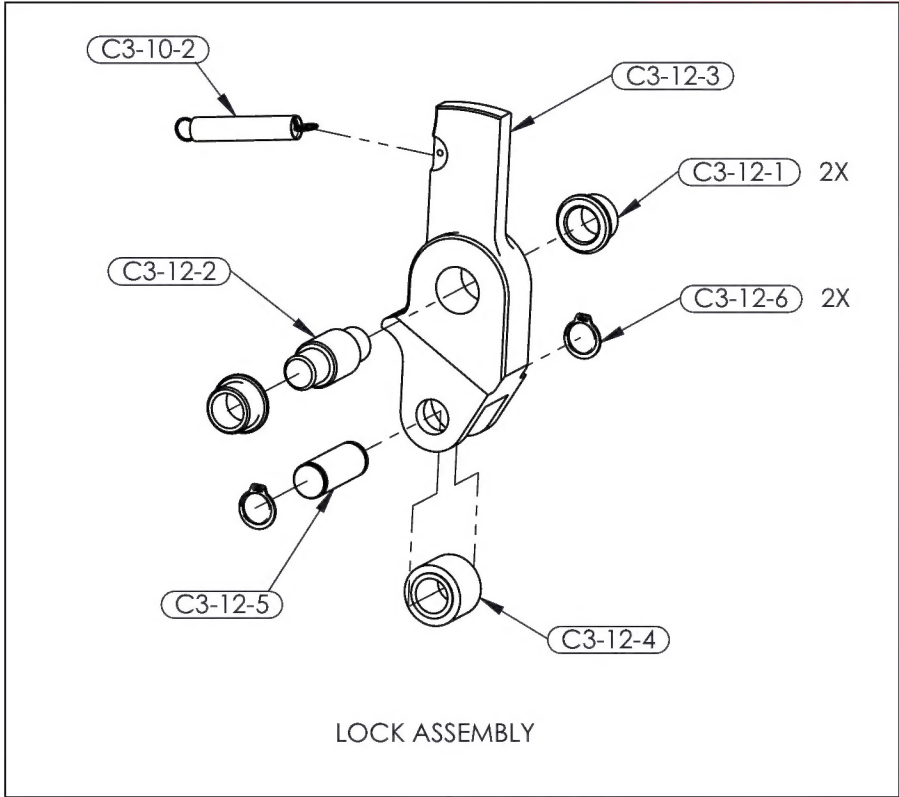
SEE ATTACHED DEVIATION

		
TITLE C3 HOOK ASSY		
DWG NO. C3	REV 2	
MAT'L	DRAWN BY: <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
APPROVED		
TREAT		
FINISH		
SPEC		
USED ON MODEL		
SCALE 1:3	DATE	SHEET 2 OF 3

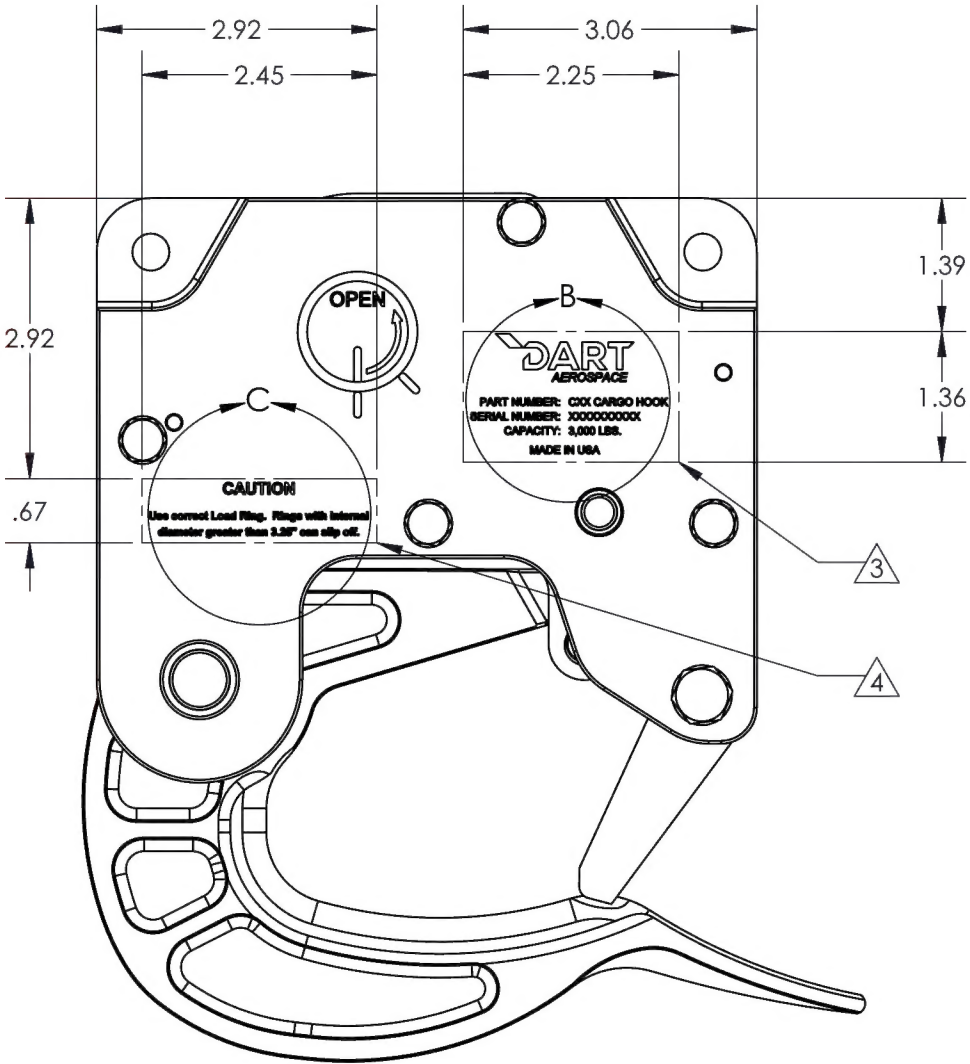
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SEE ATTACHED DEVIATION

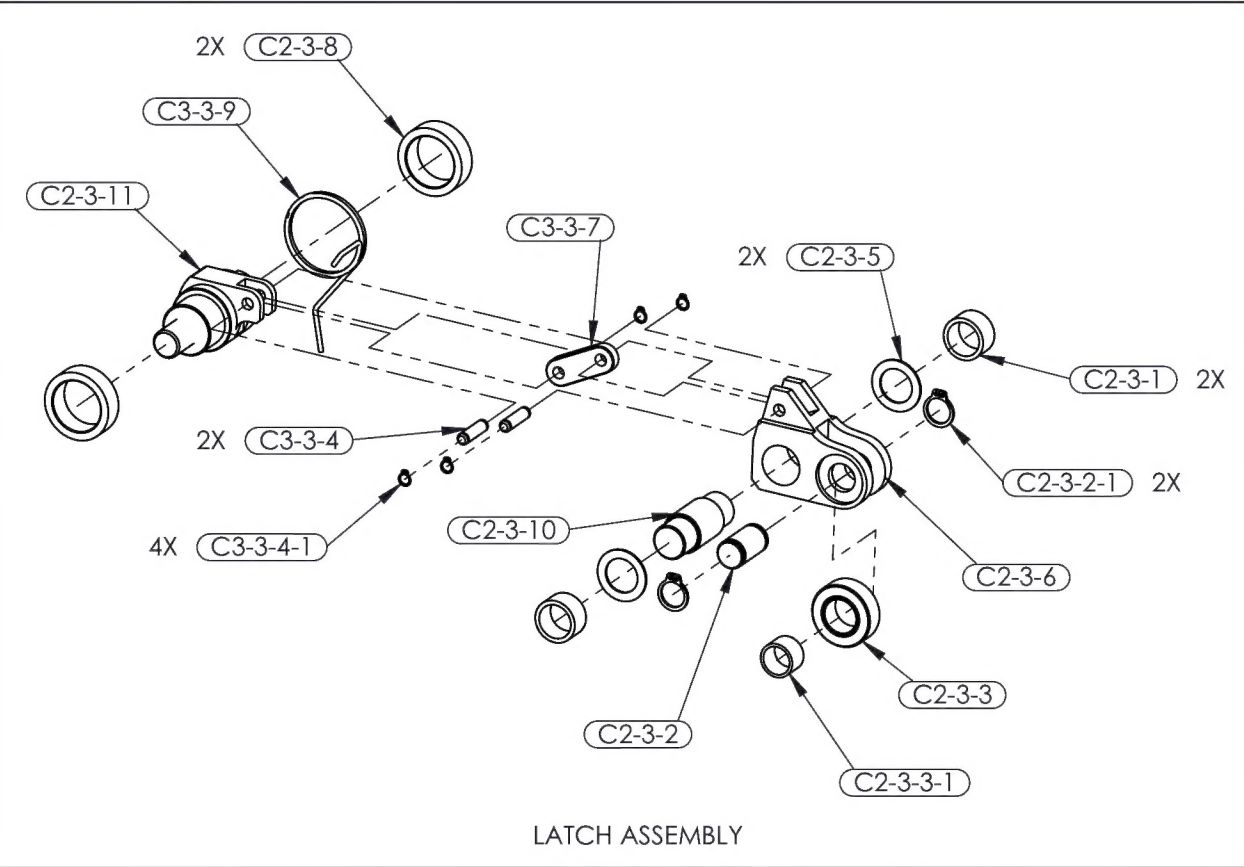
REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
2	15-0248	ADDED ENGRAVING NOTES & DETAILS.			8/27/2015	DPD	JAG



DETAIL B
SCALE 1 : 1



- NOTES:
- 3 LASER ENGRAVE DART LOGO, P/N, S/N, "MADE IN USA," WITHIN BOUNDARY.
 - 4 LASER ENGRAVE CAUTION NOTE WITHIN BOUNDARY.



DETAIL C
SCALE 1 : 1

DART AEROSPACE			
TITLE C3 HOOK ASSY			
DWG NO. C3		REV 2	
MATERIAL UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DRAWN BY: APPROVED TREAT FINISH SPEC USED ON MODEL	
SCALE 1:2		DATE SHEET 3 OF 3	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. <u>C series hooks and SWA Swivels</u>	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>	DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> </div> <div> Eng. (Non-AW) <input checked="" type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier <input type="checkbox"/> Quality <input type="checkbox"/> </div> </div>		
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QS1042) May, 9 2019 <i>M. Lee</i>
Description Work Order Deviation		Disposition		Completed By
The electrical wires listed under "Acceptable Alternate Wire" on the attached sheet are acceptable to use in place of the "Drawing Specified Wire"		This deviation is acceptable. No change to fit form or function. The job route must specify the wire that is called out on the drawing The inventory P/N must reflect the same P/N that was received from a vendor		Lead hand / Supervisor
				QC / QA Coordinator
Root Cause		FAULT CATEGORY		
<div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input checked="" type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div>		<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread </div> </div>		
Other/Details:				

P/N	Revision	Drawing Specified Wire	Acceptable Alternate Wire
C2	2	MIL-C-27500 11-14416	N/A
C3	2	MIL-C-27500 11-14417	N/A
C10	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C15	2	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C20	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C45	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C60	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C250	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-2	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-3	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-4	3	EL 414-ARTIC 4/14	Texcan 01121-744A5
SWA6A-2	E	Texcan 01121-724AM	N/A
SWA6A-3	E	Texcan 01121-734A5 or 01004-08-047	N/A
SWA6A-4	E	Texcan 01121-744A5	N/A
SWA6A-6	E	Texcan 04121-764A5	N/A
SWA6A-8	E	Texcan 12701-08-014 or McMaster 7081K38	N/A
SWA10A-2	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA10A-3	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA10A-4	3	EL 414 ARTIC 4/14	Texcan 01121-744A5
SWA10A-6	3	EL 616 ARTIC	Texcan 04121-764A5
SWA10A-8	3	Polar Wire 30806	Texcan 12701-08-014 or McMaster 7081K38
SWA15A-2	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA15A-3	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA15A-4	1	EL 414 ARTIC 4/14	Texcan 01121-744A5
SWA15A-6	1	EL 616 ARTIC	Texcan 04121-764A5
SWA15A-8	1	EL 816 ARTIC	Texcan 12701-08-014 or McMaster 7081K38
SAW25A-2	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SAW25A-3	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SAW25A-4	1	EL 414 ARTIC 4/14	Texcan 01121-744A5
SAW25A-6	1	EL 616 ARTIC	Texcan 04121-764A5
SAW25A-8	1	EL 816 ARTIC	Texcan 12701-08-014 or McMaster 7081K38